

Docket No.: 60188-687

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	:	Customer Number: 20277
	:	
Keizo MIYATA, et al.	:	Confirmation Number:
	:	
Serial No.:	:	Group Art Unit:
	:	
Filed: October 27, 2003	:	Examiner:
	:	
For: HEAD POSITIONING METHOD, AND DISK APPARATUS USING THE SAME	:	

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

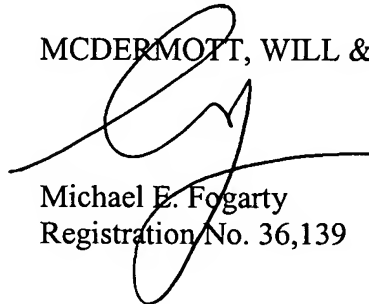
The relevance of each non-English language reference (with the exception of US 2002/014869 A1), is discussed in the present specification.

**Serial No.:**

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

MCDERMOTT, WILL & EMERY

A handwritten signature in black ink, appearing to read "Michael E. Fogarty", is written over the printed name and registration number.

Michael E. Fogarty  
Registration No. 36,139

600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
(202) 756-8000 MEF:prg  
Facsimile: (202) 756-8087  
**Date: October 27, 2003**

INFORMATION DISCLOSURE CITATION IN AN APPLICATION				ATTY. DOCKET NO. <b>60188-687</b>		SERIAL NO.	
(PTO-1449)				APPLICANT <b>Keizo MIYATA, et al.</b>			
				FILING DATE <b>October 27, 2003</b>		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code <sub>2</sub> ( <i>if known</i> )		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		US	US 2001/0021086 A1	09/13/2001	Kuwajima et al.		
		US	US 2002/0149869 A1	10/17/2002	Inaji et al.		
		US					
		US					
		US					
		US					
		US					
		US					
		US					
		US					
		US					
		US					
		US					
		US					
		US					
		US					
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes -Number + -Kind Codes ( <i>if known</i> )		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation Yes No
		JP 2002-134807 A (w/ English Abstract)		05/10/2002	MATSUSHITA ELECTRIC IND. CO., LTD.		
		JP 3089709 (w/ English Abstract of JP 4-368676 A)		07/21/2000	HITACHI, LTD.		
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
		Hiroshi TOSHIYOSHI, et al., "A MEMS PIGGYBACK ACTUATOR FOR HARD-DISK DRIVES", Journal of Microelectromechanical Systems, Vol. 11, No. 6, December 2002, pages 648-654.					
		S. NAKAMURA et al., "An Electrostatic Micro Actuator for a Magnetic Head Tracking System of Hard Disk Drives", IEEE, TRANSDUCERS '97, June 16-19, 1997, pages 1081-1084.					
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.